


04-21-00

PTO/SB/05 MODIFIED BY AT&amp;T CORP.

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> (Only for new nonprovisional applications under 37 CFR 1.53(b))		Attorney Docket No. 1999-0728	Total Pages 122
		First Named Inventor or Application Identifier Aviel D. Rubin et al.	
		Express Mail Label No.	EL354902562US
<b>APPLICATION ELEMENTS</b> See MPEP chapter 600 concerning utility patent application contents.		<b>ADDRESS TO:</b> Assistant Commissioner for Patents Box Patent Application Washington, D.C. 20231	
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (submit an original, and a duplicate for fee processing)</p> <p>2. <input checked="" type="checkbox"/> Specification [Total Pages 41] (preferred arrangement set forth below)</p> <ul style="list-style-type: none"><li>- Descriptive title of invention</li><li>- Cross References to Related Applications</li><li>- Statement Regarding Fed sponsored R&amp;D</li><li>- Reference to Microfiche Appendix</li><li>- Background of the Invention</li><li>- Brief Summary of the Invention</li><li>- Brief Description of the Drawings(if filed)</li><li>- Detailed Description</li><li>- Claim(s)</li><li>- Abstract of the Disclosure</li></ul> <p>3. <input checked="" type="checkbox"/> Drawing(s)(35 USC 113) [Total Sheets 8]</p> <p>4. <input checked="" type="checkbox"/> Oath or Declaration [Total Pages 3]</p> <p>a. <input checked="" type="checkbox"/> Newly executed (original or copy)</p> <p>b. <input type="checkbox"/> Copy from a prior application(37 CFR 1.63(d)) (for continuation/divisional with Box 15 completed) [Note Box 15 below]</p> <p>i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 163(d)(2) and 1.33(b)</p>		<p>5. <input type="checkbox"/> Microfiche Computer Program (Appendix)</p> <p>6. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)</p> <p>a. <input type="checkbox"/> Computer Readable Copy</p> <p>b. <input type="checkbox"/> Paper Copy(identical to computer copy)</p> <p>c. <input type="checkbox"/> Statement verifying identity of above copies</p> <p><b>ACCOMPANYING APPLICATION PARTS</b></p> <p>7. <input checked="" type="checkbox"/> Assignment Papers(cover sheet &amp; document(s))</p> <p>8. <input type="checkbox"/> 37 CFR 3.73(b)Statement <input type="checkbox"/> Power of Attorney</p> <p>9. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>10. <input checked="" type="checkbox"/> Information Disclosure <input type="checkbox"/> Copies of IDS Statement(IDS)/PTO-1449 Citations</p> <p>11. <input type="checkbox"/> Preliminary Amendment</p> <p>12. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)</p> <p>13. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)</p> <p>14. <input type="checkbox"/> Other :</p>	
<p>15. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment:</p> <p><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior Application No:</p> <p>Prior application information: Examiner: Group/Art Unit:</p> <p>For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.</p>			
<b>16. CORRESPONDENCE ADDRESS</b>			
<p><input type="checkbox"/> Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or <input checked="" type="checkbox"/> Correspondence address below</p>			
NAME	Samuel H. Dworesky		
ADDRESS	AT&T CORP. P.O. Box 4110		
CITY	Middletown	STATE	New Jersey
COUNTRY	United States of America	ZIP CODE	07748-4110
		FAX	732-368-6932
<b>17. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED</b>			
NAME	Benjamin S. Lee	Reg. #	42787
TELEPHONE	973-360-8117		
SIGNATURE	[Signature]		DATE 04/20/2000
"Express Mail" Mailing Label Number EL354902562US Date of Deposit 04/20/2000			
I hereby certify that this application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington D.C. , 20231			
Antoinette Dozier (Printed Name of Person Mailing Paper)			
[Signature] (Signature of Person Mailing Paper)			

<h1 style="margin: 0;">FEE TRANSMITTAL</h1> <p style="font-size: small; margin: 0;">Patent Fees are subject to annual revision.</p>		Complete if known	
		Application Number	
		Filing Date	
		First Named Inventor	Aviel D. Rubin et al.
TOTAL AMOUNT OF PAYMENT <b>\$982</b>		Examiner Name	
		Group/Art Unit	
		Attorney Docket No.	1999-0728

METHOD OF PAYMENT (check one)				FEE CALCULATION (continued)																																																																																																																			
<p>1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number <b>01-2745</b></p> <p>Deposit Account Name <b>AT&amp;T CORP.</b></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17      <input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing Date of the Notice of Allowance</p>				<p><b>3. ADDITIONAL FEES</b></p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Large Fee Code</th> <th style="width: 10%;">Entity Fee(\$)</th> <th style="width: 50%;">Fee Description</th> <th style="width: 30%;">Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112*</td><td>920</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113*</td><td>1840</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>380</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>870</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1360</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1850</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>300</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>300</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>260</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1210</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1210</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>430</td><td>Design issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>240</td><td>Submission of Information Disclosure Statement</td><td></td></tr> <tr><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td style="text-align: center;">40</td></tr> <tr><td>146</td><td>690</td><td>Filing a submission after final rejection(37 CFR 1.129(a))</td><td></td></tr> <tr><td>149</td><td>690</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td colspan="3">Other fee (specify)</td><td></td></tr> <tr><td colspan="3">Other fee (specify)</td><td></td></tr> </tbody> </table>				Large Fee Code	Entity Fee(\$)	Fee Description	Fee Paid	105	130	Surcharge - late filing fee or oath		127	50	Surcharge - late provisional filing fee or cover sheet		139	130	Non-English specification		147	2520	For filing a request for reexamination		112*	920	Requesting publication of SIR prior to Examiner action		113*	1840	Requesting publication of SIR after Examiner action		115	110	Extension for reply within first month		116	380	Extension for reply within second month		117	870	Extension for reply within third month		118	1360	Extension for reply within fourth month		128	1850	Extension for reply within fifth month		119	300	Notice of Appeal		120	300	Filing a brief in support of an appeal		121	260	Request for oral hearing		138	1510	Petition to institute a public use proceeding		140	110	Petition to revive - unavoidable		141	1210	Petition to revive - unintentional		142	1210	Utility issue fee (or reissue)		143	430	Design issue fee		122	130	Petitions to the Commissioner		123	50	Petitions related to provisional applications		126	240	Submission of Information Disclosure Statement		581	40	Recording each patent assignment per property (times number of properties)	40	146	690	Filing a submission after final rejection(37 CFR 1.129(a))		149	690	For each additional invention to be examined (37 CFR 1.129(b))		Other fee (specify)				Other fee (specify)			
Large Fee Code	Entity Fee(\$)	Fee Description	Fee Paid																																																																																																																				
105	130	Surcharge - late filing fee or oath																																																																																																																					
127	50	Surcharge - late provisional filing fee or cover sheet																																																																																																																					
139	130	Non-English specification																																																																																																																					
147	2520	For filing a request for reexamination																																																																																																																					
112*	920	Requesting publication of SIR prior to Examiner action																																																																																																																					
113*	1840	Requesting publication of SIR after Examiner action																																																																																																																					
115	110	Extension for reply within first month																																																																																																																					
116	380	Extension for reply within second month																																																																																																																					
117	870	Extension for reply within third month																																																																																																																					
118	1360	Extension for reply within fourth month																																																																																																																					
128	1850	Extension for reply within fifth month																																																																																																																					
119	300	Notice of Appeal																																																																																																																					
120	300	Filing a brief in support of an appeal																																																																																																																					
121	260	Request for oral hearing																																																																																																																					
138	1510	Petition to institute a public use proceeding																																																																																																																					
140	110	Petition to revive - unavoidable																																																																																																																					
141	1210	Petition to revive - unintentional																																																																																																																					
142	1210	Utility issue fee (or reissue)																																																																																																																					
143	430	Design issue fee																																																																																																																					
122	130	Petitions to the Commissioner																																																																																																																					
123	50	Petitions related to provisional applications																																																																																																																					
126	240	Submission of Information Disclosure Statement																																																																																																																					
581	40	Recording each patent assignment per property (times number of properties)	40																																																																																																																				
146	690	Filing a submission after final rejection(37 CFR 1.129(a))																																																																																																																					
149	690	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																					
Other fee (specify)																																																																																																																							
Other fee (specify)																																																																																																																							
<p><b>FEE CALCULATION</b></p> <p><b>1. FILING FEE</b></p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Large Fee Code</th> <th style="width: 10%;">Entity Fee(\$)</th> <th style="width: 50%;">Fee Description</th> <th style="width: 30%;">Fee Paid</th> </tr> </thead> <tbody> <tr><td>101</td><td>690</td><td>Utility(37CFR 1.53(b)) / CPA(37CFR 1.53(d)) Filing Fee</td><td style="text-align: center;">690</td></tr> <tr><td>106</td><td>310</td><td>Design Filing Fee</td><td></td></tr> <tr><td>108</td><td>690</td><td>Reissue Filing Fee</td><td></td></tr> <tr><td>114</td><td>150</td><td>Provisional Filing Fee</td><td></td></tr> <tr><td colspan="3" style="text-align: right;"><b>SUBTOTAL (1)</b></td><td style="text-align: center;"><b>690</b></td></tr> </tbody> </table>				Large Fee Code	Entity Fee(\$)	Fee Description	Fee Paid	101	690	Utility(37CFR 1.53(b)) / CPA(37CFR 1.53(d)) Filing Fee	690	106	310	Design Filing Fee		108	690	Reissue Filing Fee		114	150	Provisional Filing Fee		<b>SUBTOTAL (1)</b>			<b>690</b>																																																																																												
Large Fee Code	Entity Fee(\$)	Fee Description	Fee Paid																																																																																																																				
101	690	Utility(37CFR 1.53(b)) / CPA(37CFR 1.53(d)) Filing Fee	690																																																																																																																				
106	310	Design Filing Fee																																																																																																																					
108	690	Reissue Filing Fee																																																																																																																					
114	150	Provisional Filing Fee																																																																																																																					
<b>SUBTOTAL (1)</b>			<b>690</b>																																																																																																																				
<p><b>2. CLAIMS</b></p> <p><input type="checkbox"/> Filing Under 37CFR 1.53 (b)</p> <p><input type="checkbox"/> CPA Under 37CFR 1.53 (d)</p> <p><input type="checkbox"/> Amendment</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2"></th> <th style="width: 10%;">Extra Claims</th> <th style="width: 10%;">Fee from below</th> <th style="width: 10%;">Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Total</td> <td>34 - 20 =</td> <td style="text-align: center;">14</td> <td style="text-align: center;">18</td> <td style="text-align: center;">252</td> </tr> <tr> <td>Ind.</td> <td>3 - 3 =</td> <td style="text-align: center;">0</td> <td style="text-align: center;">78</td> <td style="text-align: center;">0</td> </tr> <tr> <td colspan="2">Multiple Dependent Claims</td> <td></td> <td></td> <td style="text-align: center;">0</td> </tr> </tbody> </table> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Large Fee Code</th> <th style="width: 10%;">Entity Fee(\$)</th> <th style="width: 50%;">Fee Description</th> <th style="width: 30%;">Fee Paid</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>102</td><td>78</td><td>Independent Claims in excess of 3</td><td></td></tr> <tr><td>104</td><td>260</td><td>Multiple Dependent Claims</td><td></td></tr> <tr><td>109</td><td>78</td><td>Reissue independent claims over original patent</td><td></td></tr> <tr><td>110</td><td>18</td><td>Reissue claims in excess of 20 and over original patent</td><td></td></tr> <tr><td colspan="3" style="text-align: right;"><b>SUBTOTAL (2)</b></td><td style="text-align: center;"><b>252</b></td></tr> </tbody> </table>						Extra Claims	Fee from below	Fee Paid	Total	34 - 20 =	14	18	252	Ind.	3 - 3 =	0	78	0	Multiple Dependent Claims				0	Large Fee Code	Entity Fee(\$)	Fee Description	Fee Paid	103	18	Claims in excess of 20		102	78	Independent Claims in excess of 3		104	260	Multiple Dependent Claims		109	78	Reissue independent claims over original patent		110	18	Reissue claims in excess of 20 and over original patent		<b>SUBTOTAL (2)</b>			<b>252</b>	<p><b>4. SUBTOTAL (3)</b> <b>40</b></p> <p>* Reduced by Basic Filing Fee Paid</p>																																																																			
		Extra Claims	Fee from below	Fee Paid																																																																																																																			
Total	34 - 20 =	14	18	252																																																																																																																			
Ind.	3 - 3 =	0	78	0																																																																																																																			
Multiple Dependent Claims				0																																																																																																																			
Large Fee Code	Entity Fee(\$)	Fee Description	Fee Paid																																																																																																																				
103	18	Claims in excess of 20																																																																																																																					
102	78	Independent Claims in excess of 3																																																																																																																					
104	260	Multiple Dependent Claims																																																																																																																					
109	78	Reissue independent claims over original patent																																																																																																																					
110	18	Reissue claims in excess of 20 and over original patent																																																																																																																					
<b>SUBTOTAL (2)</b>			<b>252</b>																																																																																																																				

<b>SUBMITTED BY</b>				Complete (if applicable)	
Typed or Printed Name	Benjamin S. Lee			Reg. Number	42787
Signature			Date	04/20/2000	Deposit Account User ID

SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231